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U. S. Department of Agriculture
Foreign Agricultural Service
Economics and Statistics
Service

World Crop
Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-10-80
October 10, 1980

245
WORLD GRAIN AND OILSEED CROP PROSPECTS DECLINE,
COTTON PROSPECTS UNCHANGED .

Region	: 1978/79	: 1979/80 est.	: 1980/81 proj. Sep.	: Oct.
Total grains (Million metric tons) 1/				
World	: 1,580.0	1,520.9	1,561	1544
United States	: 273.0	299.0	265	263
Rest of world	: 1,307.0	1,221.9	1,296	1281
Oilseeds (Million metric tons)				
World	: 155.8	176.2	164.2	161.7
United States	: 58.4	72.3	57.6	55.1
Rest of world	: 97.3	103.9	106.6	106.6
Cotton (Million bales)				
World	: 60.1	65.5	63.4	63.5
United States	: 10.9	14.6	11.7	11.6
Rest of world	: 49.3	50.9	51.7	51.9

1/ Includes rice on a rough basis.

- * Total world grain production for 1980/81 is forecast at 1,544 million tons, 1 percent below last month's estimate, but more than 1 percent above the 1979/80 harvest. Production forecasts for the Soviet Union, China, Australia, the United States, and several countries in east Asia have been lowered since last month, while crops in Canada were raised slightly from previous estimates.
- * World 1980/81 wheat production is forecast at 440 million tons, 2 percent below last month's estimate but 5 percent above the 1979/80 harvest. Crop prospects have deteriorated in Argentina, China, Australia, and the Soviet Union during the past month, while the estimate for Canada was increased.
- * World coarse grains production in 1980/81 is forecast at 715 million tons, down about 1 percent from last month's estimate and the 1979/80 crop. Continued dry conditions in Australia and lower-than-expected harvested acreage in the Soviet Union reduced crop prospects in these areas. In the United States, corn yields declined further during September. The Canadian crop estimate has been raised slightly from last month's.
- * World 1980/81 rice production is forecast at 389 million tons, 1 percent below last month's estimate, but still 1 percent above the 1978/79 record crop. Cool weather diminished crop prospects in Japan and South Korea, while Thailand's crop is expected to be slightly above earlier expectations.

WORLD CROP PROJECTIONS

Projections of 1980/81 world crop production are still highly tentative. The projections include Northern Hemisphere winter grain crops and spring crops such as corn, soybeans, and cotton that are being harvested; plus Southern Hemisphere winter grain crops that have been planted and spring crops being planted now. Thus, both climatic and market developments over the next several months will influence production prospects around the world.

Crop projections generally are based on surveys, historical trends in area and yield, plus analysts' judgements. The projected ranges in this report should encompass final outcomes about two out of three times. The reliability of past world production estimates and measures of production variability are on pages 13 through 15.

Forecasts of 1980 U.S. acreage, yield, and production for crops, except sunflowers, are from the U.S. Crop Production report released today by the Crop Reporting Board of ESS.

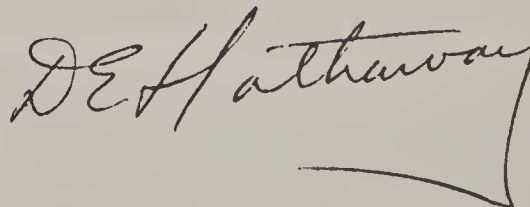
The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country regional specialists, and the staff of the NOAA/USDA Joint Agricultural Weather Facility. The report is prepared by the Foreign Agricultural Service (FAS), the Economics and Statistics Service (ESS), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors include:

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A P P R O V E D :



ACTING SECRETARY

(continued from page 1)

- * World oilseed production is estimated at 162 million metric tons for 1980/81, down 2 million tons from the September estimate and 14 million tons below the 1979/80 crop. The United States accounts for most of the downward revision.
- * U.S. production of all oilseeds in 1980/81 is estimated at 55 million metric tons. A further decline in U.S. soybean yields and harvested acreage in some southern States accounted for much of the downward revision. Peanut production declined sharply from September. Estimated U.S. sunflowerseed production is 2.0 million tons.
- * Production of oilseeds outside the United States is estimated at 107 million tons, essentially unchanged from the September estimate. Upward revisions since September were made for peanuts in India and rapeseed in Western Europe and Canada. These gains were offset by declines in other countries.
- * World cotton production for 1980/81 is estimated at 63.5 million bales, up slightly from last month's forecast as larger foreign production more than offset a small decline in U.S. prospects. The U.S. crop of 11.6 million bales is down only 1 percent from month-earlier indications, but 21 percent below a year earlier. The Soviet crop estimate has been raised to 13.5 million bales because of continued favorable harvesting conditions; prospects also improved in Egypt, Pakistan, and Colombia. Production estimates for India, Turkey, Argentina, Brazil, and Peru have been trimmed from last month's forecasts.

WEATHER HIGHLIGHTS THROUGH OCTOBER 10

EUROPE--Generally favorable harvest weather persisted through September. Good soil moisture from earlier heavy rains provided satisfactory conditions for sowing of winter grains.

CHINA--Harvest weather in central areas improved dramatically in September, with most locations receiving less than normal rainfall. Dry soils in some parts of the North China Plain may inhibit germination and early development of winter grains.

USSR--Though rainfall was light in September, persistent dampness has limited winter grain harvest progress in the northwest. A substantial portion of the crop in this minor production area may go unharvested and prevent some plantings for next year's crop. In the Ukraine and North Caucasus, relatively heavy rainfall over some large areas has benefited winter grains already sown, but wet fields have hampered the completion of sowing and the harvest of spring-sown crops. Weather continued favorable in cotton harvest areas.

ARGENTINA--Dry weather prevailed in much of Argentina's winter wheat area in September. Dryest areas were in the LaPampa, Cordoba, and Southern Buenos Aires Provinces. The wheat crop is in the late vegetative stage with top soil moisture conditions becoming unfavorable.

AUSTRALIA--Drought conditions have hurt the winter wheat crop which had advanced into the late vegetative and heading stages by late September. Crop conditions have deteriorated in Queensland, New South Wales, and West Australia.

CANADA--Harvest weather was relatively favorable in southern Saskatchewan and southeastern Alberta during September. However, wet, cool weather interfered with harvesting elsewhere.

INDIA--The early retreat of the monsoon from the northwest did not affect rice yields but probably did hurt cotton and groundnut crops in the western areas. Prospects for both crops improved in Tamil Nadu with increased rainfall in September.

World crop production summary 1/

Commodity	Major regions and countries										
							Centrally:			Near East	
							Planned	South Asia		and	
	United States	Canada	Western Europe	Eastern Europe	USSR	Asia			Paki-	Indo-	Thai-
							PRC	India	stan	nesia	land
---Million metric tons---											
:Wheat											
1: 1978/79	48.9	21.1	58.5	35.8	120.8	54.0	31.7	8.4	---	---	---
2: 1979/80	58.3	17.2	55.6	27.6	90.1	60.5	35.0	9.9	---	---	---
: 1980/81											
3: Sep. proj.:	64.1	17.4	62.0	34.9	103.0	56.5	30.5	10.8	---	---	---
4: Oct. proj.:	64.3	18.6	61.8	34.9	101.0	55.0	30.5	10.8	---	---	---
:Coarse grains											
5: 1978/79	218.1	20.3	94.0	60.4	105.3	76.5	30.6	---	---	---	3.3
6: 1979/80	234.5	18.6	90.6	63.4	80.0	77.5	27.1	---	---	---	3.6
: 1980/81											
7: Sep. proj.:	194.5	21.1	94.2	60.8	96.0	80.0	30.2	---	---	---	3.5
8: Oct. proj.:	192.4	21.6	94.3	60.8	93.0	80.0	30.2	---	---	---	3.5
:Rice(rough):											
9: 1978/79	6.0	---	1.6	---	2.1	137.0	80.8	4.9	25.8	17.5	
10: 1979/80	6.2	---	1.7	---	2.4	140.5	65.3	4.8	26.3	15.8	
: 1980/81											
11: Sep. proj.:	6.4	---	1.6	---	2.4	139.0	78.8	5.0	28.7	16.5	
12: Oct. Proj.:	6.5	---	1.7	---	2.6	139.0	78.8	4.8	28.7	17.2	
:Total grains 2/:											
13: 1978/79	273.0	41.4	154.2	96.2	228.2	267.5	143.1	13.3	25.8	20.8	
14: 1979/80	299.0	35.8	147.9	91.0	172.5	278.5	127.4	14.7	26.3	19.4	
: 1980/81											
15: Sep. proj.:	265.0	38.5	157.8	95.7	201.4	275.5	139.5	15.8	28.7	20.0	
16: Oct. proj.:	263.2	40.2	157.8	95.7	196.6	274.0	139.5	15.6	28.7	20.7	
:Oilseeds 3/:											
17: 1978/79	58.4	4.1	2.6	3.8	10.8	17.2	11.2	1.2	---	---	
18: 1979/80	72.3	4.3	2.6	3.7	11.0	18.3	10.5	1.7	---	---	
: 1980/81											
19: Sep. proj.:	57.6	3.1	3.3	3.8	11.1	19.3	10.9	1.7	---	---	
20: Oct. proj.:	55.1	3.2	3.4	3.8	11.2	19.2	11.2	1.7	---	---	
:Cotton											
---Million 480-pound bales---											
21: 1978/79	10.9	---	---	---	12.3	10.0	6.3	2.1	---	---	
22: 1979/80	14.6	---	---	---	13.1	10.1	6.1	3.4	---	---	
: 1980/81											
23: Sep. proj.:	11.7	---	---	---	13.3	10.3	6.3	3.3	---	---	
24: Oct. proj.:	11.6	---	---	---	13.5	10.3	6.2	3.4	---	---	

1/ 1979/80 estimates are preliminary. The 1980/81 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States. 2/ Includes total of wheat, coarse grains, and rice shown above. Projected Soviet crop of 210 million tons in special circular FG-27-80 (10-10-80) includes around 11 million tons of rice, minor grains, and pulses.

World crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	:Total for	:	:	: World	:	:
: and	: and	: Oceania	: major	: Other	:	: less	:	:	:
: Africa	: Caribbean	:	: regions	: coun-	:	: United	:	: World	:
:South	:Argen-	:	: and	: tries	:	: States	:	:	:
:Africa	:Turkey	: tina	: Brazil	:Australia	: countries	:	:	:	:
---Million metric tons---									
1.7	13.3	8.1	2.7	18.1	423.2	24.5	398.8	447.7	: 1
2.1	13.0	8.1	2.9	16.0	396.3	23.4	361.4	419.7	: 2
1.9	13.8	8.8	2.8	15.5	422.0	25.9	383.9	448.0	: 3
1.5	13.8	8.4	2.8	11.0	414.4	25.7	375.9	440.1	: 4
8.8	7.3	17.2	16.6	7.1	665.6	82.2	529.8	747.9	: 5
11.0	7.6	10.7	20.1	6.3	651.0	76.3	492.7	727.2	: 6
10.2	7.1	17.1	20.5	6.6	641.9	79.5	526.9	721.4	: 7
10.2	7.6	17.1	20.5	5.3	636.5	78.7	522.8	715.2	: 8
---	---	.3	7.6	.7	284.3	100.1	378.4	384.4	: 9
---	---	.3	9.7	.6	273.3	100.4	367.8	373.7	: 10
---	---	.3	10.0	.7	289.4	102.2	385.2	391.6	: 11
---	---	.3	10.0	.7	290.3	98.9	382.7	389.2	: 12
10.5	20.6	25.6	26.9	25.9	1373.1	206.8	1307.0	1580.0	: 13
13.1	20.6	19.1	32.7	22.9	1320.9	200.1	1221.9	1520.9	: 14
12.1	20.9	26.2	33.3	22.8	1353.3	207.6	1296.0	1561.0	: 15
11.7	21.4	25.8	33.3	17.0	1341.1	203.3	1281.2	1544.4	: 16
---	---	6.1	11.6	---	127.1	16.5	97.3	155.8	: 17
---	---	5.4	16.4	---	146.1	17.1	103.9	176.2	: 18
---	---	6.3	16.7	---	133.8	17.7	106.6	164.2	: 19
---	---	6.3	16.6	---	131.8	17.3	106.6	161.7	: 20
---Million 480-pound bales---									
---	2.2	.8	2.7	---	47.1	13.0	49.3	60.1	: 21
---	2.2	.7	2.6	---	52.9	12.7	50.9	65.5	: 22
---	2.1	.9	2.8	---	50.7	12.7	51.7	63.4	: 23
---	2.1	.8	2.7	---	50.5	13.0	51.9	63.5	: 24

3 Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesame seed, safflower seed, flax seed, castor beans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Wheat area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production		
	:	:	:	:	:	:	:	:	:
	: 1978/79	: 1979/80	: 1980/81	: 1978/79	: 1979/80	: 1980/81	: 1978/79	: 1979/80	: 1980/81
	proj.	proj.	proj.	proj.	proj.	proj.	proj.	proj.	proj.
	---Million hectares---	Metric tons per hectare			-----Million metric tons-----				
United States	23.0	25.3	29.0	2.12	2.30	2.22	48.9	58.3	64.1
Canada	10.6	10.5	11.3	2.00	1.64	1.66	21.1	17.2	17.4
Western Europe	15.9	15.5	16.2	3.69	3.58	3.81	58.5	55.6	62.0
Eastern Europe	10.2	9.2	10.0	3.50	2.99	3.50	35.8	27.6	34.9
USSR	62.9	57.7	61.5	1.92	1.56	1.64	120.8	90.1	103.0
Centrally Planned Asia									
PRC	27.6	28.2	27.6	1.96	2.15	1.99	54.0	60.5	56.5
South Asia									
India	21.5	22.2	21.5	1.48	1.57	1.42	31.7	35.0	30.5
Pakistan	6.4	6.6	6.9	1.31	1.50	1.57	8.4	9.9	10.8
Middle East and Africa									
South Africa	1.8	1.9	1.6	.94	1.10	.91	1.7	2.1	1.9
Turkey	8.6	8.6	8.6	1.55	1.51	1.60	13.3	13.0	13.8
Latin America & Caribbean									
Argentina	4.7	4.6	5.0	1.73	1.74	1.68	8.1	8.1	8.8
Brazil	2.8	3.8	3.0	.96	.75	.95	2.7	2.9	2.8
Oceania									
Australia	10.2	11.6	11.5	1.78	1.38	.96	18.1	16.0	15.5
Total above	206.1	205.9	213.7	2.05	1.92	1.94	423.2	396.3	422.0
Other countries & regions	20.5	20.5	21.1	1.20	1.14	1.22	24.5	23.4	25.9
World	226.6	226.4	234.8	1.98	1.85	1.87	447.7	419.7	448.0
World less United States	203.6	201.0	205.8	1.96	1.80	1.83	398.8	361.4	383.9
Major foreign ex- porters 2/	36.5	37.7	39.2	2.60	2.32	2.24	94.9	87.6	91.7

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, and EC.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area			Yield			Production			
	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	proj.
	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	:1978/79	:1979/80	:1980/81	proj.
	-----Million hectares-----			Metric tons per hectare			-----Million metric tons-----			
United States	42.7	41.4	40.3	5.11	5.67	4.77	218.1	234.5	194.5	192.4
Canada	7.8	7.1	8.0	2.60	2.63	2.71	20.3	18.6	21.1	21.6
Western Europe	25.3	25.3	24.8	3.72	3.59	3.80	94.0	90.6	94.2	94.3
Eastern Europe	19.2	19.9	19.3	3.15	3.18	3.15	60.4	63.4	60.8	60.8
USSR	58.0	61.2	58.0	1.82	1.31	1.60	105.3	80.0	96.0	93.0
Centrally Planned Asia										
PRC	38.5	38.7	38.7	1.99	2.00	2.07	76.5	77.5	80.0	80.0
South Asia										
India	42.3	41.3	41.9	.72	.66	.72	30.6	27.1	30.2	30.2
Near East and Other Asia										
Thailand	1.7	1.7	1.8	1.91	2.05	2.01	3.3	3.6	3.5	3.5
Middle East and Africa										
South Africa	5.3	5.4	5.5	1.66	2.03	1.85	8.8	11.0	10.2	10.2
Turkey	4.1	4.1	4.2	1.79	1.82	1.82	7.3	7.6	7.1	7.6
Latin America & Caribbean										
Argentina	6.4	4.8	6.2	2.71	2.22	2.75	17.2	10.7	17.1	17.1
Brazil	11.6	12.2	12.8	1.44	1.66	1.60	16.6	20.1	20.5	20.5
Oceania										
Australia	4.7	4.5	4.6	1.51	1.38	1.14	7.1	6.3	6.6	5.3
Total above	267.5	267.6	266.1	2.49	2.43	2.39	665.6	651.0	641.9	636.5
Other countries & regions										
	79.1	76.7	77.7	1.04	.99	1.01	82.2	76.3	79.5	78.7
World	346.6	344.3	343.8	2.16	2.11	2.08	747.9	727.2	721.4	715.2
World less United States	303.9	302.9	303.5	1.74	1.63	1.72	529.8	492.7	526.9	522.8
Major foreign ex-										
porters 2/	25.9	23.5	26.1	2.19	2.13	2.21	56.8	50.1	58.5	57.6

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production					
	:	:	:	:	:	:				
	:1978/79 :1979/80 : proj.	:1980/81 : : 1980/81 : proj.	:1978/79 :1979/80 : proj.	:1980/81 : : 1980/81 : proj.	:1978/79 :1979/80 : Sep. : Oct.	:1980/81 : : 1980/81 : proj.				
	-----Million hectares-----		Metric tons per hectare		-----Million metric tons-----					
United States	25.63	28.54	27.24	1.99	2.16	1.76	50.90	61.72	49.84	47.82
Canada	.28	.28	.28	1.81	2.38	2.32	.52	.67	.67	.66
Eastern Europe	.36	.46	.51	1.26	1.41	1.22	.46	.64	.62	.62
USSR	.82	.84	.85	.78	.52	.52	.64	.44	.44	.44
Centrally Planned Asia										
PRC	7.30	7.30	7.40	1.14	1.14	1.18	8.30	8.30	8.70	8.70
South Asia										
India	.18	.24	.26	.83	.83	.83	.15	.20	.22	.22
Latin America & Caribbean										
Argentina	1.60	1.75	2.00	2.31	1.89	2.10	3.70	3.30	4.20	4.20
Brazil	8.04	8.50	8.92	1.27	1.76	1.70	10.20	15.00	15.20	15.20
Paraguay	.36	.44	.52	1.23	1.38	1.35	.45	.60	.81	.70
Total above	44.58	48.34	47.99	1.69	1.88	1.64	75.31	90.87	80.70	78.57
Other countries & regions	2.22	2.34	2.22	1.17	1.26	1.18	2.49	2.94	2.70	2.63
World	46.70	50.68	50.22	1.67	1.85	1.62	77.80	93.81	83.39	81.19
World less United States	21.07	22.14	22.98	1.28	1.45	1.45	26.90	32.09	33.56	33.37
Major foreign ex- porters 2/	10.00	10.68	11.44	1.44	1.77	1.76	14.35	18.90	20.21	20.10

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

	Major regions and countries								
						Centrally:			
						Planned	South Asia		
Commodity	United States	Canada	Western Europe	Eastern Europe	USSR	Asia			
						PRC	India	Pakistan	
				</					

1/ Totals and averages based on unrounded data. 1979/80 is estimated and preliminary. 1980/81 is projected based on surveys, trends and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 95 percent of U.S. total.

---No production reported or less than 5,000 tons.

Major regions and countries									
Middle East	Latin America	Total for	Other	World	Major				
and	and	major	coun-	less	foreign				
Africa	Caribbean	regions	tries	World	United	ex-			
:	:	Argen-	Para-	and	and	States	porters		
Egypt	Senegal	Sudan	tina	Brazil	guay	countries	regions		2/
---Million metric tons---									

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Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1978/79	: 1979/80	: 1978/79	: 1979/80	: 1978/79	: 1979/80
	: proj.	: proj.	: proj.	: proj.	: Sep.	: Oct.
	---Million hectares---		Kilograms per hectare		---Million 480-pound bales---	
United States	5.0	5.2	5.4	472	614	469
USSR	3.0	3.1	3.1	878	925	936
Centrally Planned Asia						
PRC	4.7	4.5	4.7	461	491	477
South Asia						
India	8.0	8.2	8.2	171	163	166
Pakistan	1.9	2.0	2.0	244	366	365
Middle East and Africa						
Egypt	.5	.5	.5	878	963	912
Sudan	.4	.4	.4	358	327	333
Turkey	.7	.6	.6	728	782	702
Latin America & Caribbean						
Argentina	.7	.6	.6	260	283	321
Brazil	2.0	2.0	2.0	295	286	295
Central America 2/	.4	.3	.3	833	862	923
Mexico	.4	.4	.4	964	865	913
Total above	27.6	27.7	28.2	418	459	434
Other countries & regions	4.6	4.6	4.8	344	343	335
World	32.1	32.2	33.0	407	443	419
World less United States	27.1	27.0	27.6	396	410	410
Major foreign ex- porters 3/	7.2	7.3	7.4	673	722	723

1/ Totals and averages based on unrounded data. 1979/80 estimates are preliminary. 1980/81 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Sudan, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between October Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years ^{2/} Below : Above Final : Final	
		Million MT		(-----Million MT-----)				
<u>North America</u>								
Canada	16.8	3	2.7	-	- ^{1/}	1	4	3
United States	9.3	5	0.7	-	-	1	5	2
<u>Western Europe</u>	7.6	4	1.8	1	1	2	5	2
<u>Eastern Europe</u>	11.9	4	2.9	1	-	2	3	4
<u>Oceania</u>								
Australia	20.2	2	16.2	2	-	5	4	2
<u>South Asia</u>								
India	9.1	2	4.4	1	-	3	4	2
Pakistan	6.5	1					N/A	N/A
<u>Centrally Planned Asia</u>								
China	9.5	4					N/A	N/A
<u>USSR</u>	16.6	16	8.1	8	3	12	4	3
<u>Middle East and Africa</u>								
South Africa	16.7	-					N/A	N/A
Turkey	9.3	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	22.5	2	13.2	1	1	2	4	3
Brazil	47.6	1					N/A	N/A
<u>Total Above</u>			3.6	10	4	21	4	3
<u>Others</u>	6.4	3	2.6	2	-	5	5	2
<u>World Total</u>	5.6	21	2.7	10	4	22	4	3
<u>World Less U.S.</u>	7.2	23	3.2	10	2	21	4	3
<u>Major Competitors ^{3/}</u>	8.0	3	5.0	2	-	6	4	2

^{1/} Less than 500,000 tons

^{2/} May not add up to 7 if October estimate was the same as final

^{3/} Includes Canada, Australia, and Argentina

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:August 20, 1980
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COARSE GRAINS: RELIABILITY OF OCTOBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Seven Year Record of Difference Between October Forecast & Final Estimate					
	Percent	Quantity	Average Percent	Quantity Average:Smallest:Largest			Number of Years ^{2/} Below : Above Final : Final	
	Million MT			(-----Million MT-----)				
<u>North America</u>								
Canada	9.8	2	4.6	1	- 1/	2	4	3
United States	9.3	17	2.5	6	1	10	6	1
<u>Western Europe</u>	6.7	6	1.2	1	-	2	6	1
<u>Eastern Europe</u>	4.9	3	4.0	2	-	4	6	1
<u>Oceania</u>								
Australia	19.2	1	16.4	1	-	1	3	4
<u>South Asia</u>								
India	9.6	3					N/A	N/A
<u>Centrally Planned Asia</u>								
China	4.1	3					N/A	N/A
<u>Near East & Other Asia</u>								
Thailand	19.2	-	2.9	-	-	-	2	1
<u>USSR</u>	18.2	16	7.2	6	2	12	4	3
<u>Middle East and Africa</u>								
South Africa	27.3	2	13.1	1	-	3	5	2
Turkey	15.2	1					N/A	N/A
<u>Latin America & Caribbean</u>								
Argentina	20.0	3	19.7	3	1	4	4	3
Brazil	10.2	2	9.3	2	-	3	4	3
<u>Total Above</u>			2.0	10	3	19	4	3
<u>Others</u>	4.6	4	2.3	3	1	11	5	2
<u>World Total</u>	3.5	23	1.7	11	2	22	4	3
<u>World Less U.S.</u>	4.0	19	2.3	10	3	28	3	4
<u>Major Competitors ^{3/}</u>	5.8	4	4.5	3	1	5	2	5

^{1/} Less than 500,000 tons

^{2/} May not add to 7 if October estimate was the same as final

^{3/} Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1970-1979; percent error is calculated at the mean. The 7 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:August 20, 1980

31/AR8

Cotton, rice (rough), and oilseeds production: 1980/81 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
U.S. <u>3/</u>	11.6	0.6	5.3	6.5	.2	2.6	47.8	1.6	3.3
Canada	---	---	---	---	---	---	2.9 <u>2/</u>	.8	27.6
Western Europe	---	---	---	1.6	.1	6.7	---	---	---
Eastern Europe	---	---	---	---	---	---	---	---	---
USSR	13.2	.4	3.0	2.5	.1	7.7	5.4 <u>4/</u>	.8	14.8
Centrally Planned Asia:									
PRC	10.2	.9	8.8	143.4	3.2	3.0	---	---	---
South Asia									
Bangladesh	---	---	---	18.8	1.1	6.6	---	---	---
Burma	---	---	---	9.7	.6	7.2	---	---	---
India	6.1	.5	8.2	74.9	5.8	9.4	6.1 <u>5/</u>	.8	13.1
Pakistan	2.4	.5	20.8	4.9	.2	6.4	---	---	---
Near East & Other Asia									
Indonesia	---	---	---	26.1	1.1	5.7	---	---	---
Japan	---	---	---	15.1	1.1	7.0	---	---	---
South Korea	---	---	---	7.6	.5	8.6	---	---	---
Thailand	---	---	---	16.6	.8	6.0	---	---	---
Middle East and Africa									
Egypt	1.8	.2	11.1	---	---	---	---	---	---
Senegal	---	---	---	---	---	---	.7 <u>5/</u>	.3	42.8
South Africa	---	---	---	---	---	---	---	---	---
Sudan	.5	.2	40.0	---	---	---	---	---	---
Turkey	2.4	.3	12.5	---	---	---	---	---	---
Latin America & Caribbean									
Argentina	1.0	.1	10.0	.4	.1	16.7	---	---	---
Brazil	2.4	.4	16.7	8.5	.8	11.6	15.5 <u>6/</u>	1.7	11.0
Mexico	1.4	.4	28.6	---	---	---	---	---	---
Oceania									
Australia	---	---	---	.6	.1	20.0	---	---	---
Foreign	50.3	2.7	5.4	379.1	8.7	2.9	---	---	---
World	63.3	4.2	6.6	385.1	8.7	2.8	17.0	8.5	5.0 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1970/71-1979/80 for cotton and oilseeds and 1960/61-1979/80 for rice. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1980/81 production will total within 0.4 million bales or 3.0 percent of the trend projection of 13.2 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 6.4; cottonseed, 6.1; sunflowerseed, 9.3; peanuts, 5.5; and rapeseed 8.9.

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